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COMBINED DECLARATION AND POWER OF ATTORNEY

As a bel	low-na	med inventor, I hereby declare that:	
This dec	claratio	n is of the following type:	
]	[] [] [] [X]	original divisional continuation continuation-in-part	
		INVENTORSHIP IDENTIFICA	TION
am the c Inventor	original (if plur	post office address, and citizenship are as stated, first and sole inventor (if only one name is listed al names are listed below) of the subject matter at on the invention entitled:	d below) or an original, first, and joint
		TITLE OF INVENTION	; ;
	"(GENERATING ELECTRONS WITH AN ACTIVA	TED PHOTOCATHODE"
		SPECIFICATION IDENTIFICA	TION
The spe	cificatio	on of which:	
٠ [[]	is attached hereto	: : . :
[[X]	was filed on <u>October 29, 2003</u> , under Application date herewith;	n No. 10/697,715, executed on even
Į.	[]		Application and as amended fany).
	AC	KNOWLEDGMENT OF REVIEW OF PAPERS	AND DUTY OF CANDOR
		hat I have reviewed and understand the content aims, as amended by any amendment referred	
with Title applicati	e 37, C ion; na	the duty to disclose all information I know to be tode of Federal Regulations, § 1.56, and which is mely, information where there is a substantial lik rit important in deciding whether to allow the ap	material to the examination of this elihood that a reasonable Examiner
]	[]	In compliance with this duty there is attached a accordance with 37 CFR § 1.98.	Information Disclosure Statement in

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PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code § 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

				1			
	[X]	No such a	applications have been	filed.			
	[]	Such app	lications have been file	ed as follows:			
A.	Prior foreign/PCT application(s) filed within 12 months (6 months for design) prior to this application, and any priority claims under 35 U.S.C. § 119:						
	<u>Co</u>	ountry/PCT	Application No.	Date Filed	Priority Claimed		
					[] Yes [] No		
В.	All foreign application(s), if any, filed more than 12 months (6 months for design) price to this U.S. application:						
		ntry: cation No: date:					
		•	PRIORITY CLA	AIM (35 U.S.C. § 120)	·		
applic	ation(s	or PCT inte	t under Title 35, United emational application(s as the subject matter o) designating the Unite	ed States of America that is/ar		

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[1 No	such a	applications	have	been	filed.
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[X] Such applications have been filed as follows:

Serial No.	<u>Filing Date</u>	<u>Patented</u>	<u>Pendina</u>	<u>Abandoned</u>
	_		1	
10/282 324	10/10/2002			

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POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Joseph Bach Ashok K. Janah Raymond Kam-On Kwong Robert W. Mulcahy Loretta Peters Peter J. Sgarbossa James C. Wilson

Send correspondence to: Applied Materials, Inc. Patent Department, M/S 2061 P.O. Box 450A Santa Clara, CA 95052

Registration No. 37,771 Registration No. 37,487 Registration No. 37,165 Registration No. 25,436 Registration No. 43,855 Registration No. 25,610 Registration No. 35,412

Direct telephone calls to: Ashok K. Janah (415) 538-1555

Country of Citizenship: USA

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor: Maldonado, Juan Ramon Date: 3/23/2003 Inventor's signature Residence: Palo Alto, CA Post Office Address: ' 3168 Middlefield Road Palo Alto, CA 94306 USA Country of Citizenship: USA Full name of second inventor: Coyle, Steven T. Inventor's signature: Residence: Alameda/)CA Post Office Address: 1049 Fair Oaks Ave. Alameda, CA 94501 U.S.A.

(Declaration ends with this page)

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